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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/574,808

01/30/2007

David Jeal

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1885

881 7590 02/10/2009

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EXAMINER

RAVETTI, DANTE

ART UNIT

PAPER NUMBER

3685

MAIL DATE

DELIVERY MODE

02/10/2009

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/574,808	<b>Applicant(s)</b> JEAL ET AL.	
	<b>Examiner</b> DANTE RAVETTI	<b>Art Unit</b> 3685	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 30 January 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) See Continuation Sheet is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 1-3, 5-7, 11-12, 17, 19-20, 22-23, 25, 27, 30-34, 36-39, 52-54, 56-58, 61, 66, 68-69, 71-72, 74, 76, 79, 80-83, 85-88, 101-109, 110-129 are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 January 2007 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

Continuation of Disposition of Claims: Claims pending in the application are 1-3,5-7,11,12,17,19,20,22,23,25,27,30-34,36-39,52-54,56-58,61,66,68,69,71,72,74,76,79-83,85-88 and 101-129.

## **DETAILED ACTION**

### ***Acknowledgements***

1. This communication is in response to the original Application No. 10/574,808 filed on January 30, 2007.
2. Claims 1-3, 5-7, 11-12, 17, 19-20, 22-23, 25, 27, 30-34, 36-39, 52-54, 56-58, 61, 66, 68-69, 71-72, 74, 76, 79, 80-83, 85-88, 101-109, 110-129 are currently pending and have been fully examined.

### ***Election/Restriction***

3. Restriction is required under 35 U.S.C. §121 and §372.
4. This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.
5. In accordance with 37 CFR §1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.
6. Restriction to one of the following inventions is required under 35 U.S.C. §121:
  - I. Claims 1-3, 5-7, 11-12, 17, 19-20, 22-23, 25, 27, 30-34, 36-39, 52-54, 56-58, 61, 66, 68-69, 71-72, 74, 76, 79, 80-83, 85-88 are drawn to user authentication, classified in Class 713, Subclass 170;
  - II. Claims 101-109 are drawn to data authentication, classified in Class 713, Subclass 161;
  - III. Claims 110-119, 122-129 are drawn to information security, classified in Class 726, Subclass 26;
  - IV. Claims 120-121 are drawn to storing data, classified in Class 707, Subclass 1;

7. The inventions are distinct, each from the other, because of the following reasons:

8. Inventions I through IV are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct if they do not overlap in scope and are not obvious variants, and it is shown that at least one subcombination is separately usable. In the instant case, subcombination I has separate utility such as user authentication, subcombination II has a separate utility such as data authentication, subcombination III has a separate utility as information security, Subcombination IV has a separate utility such as data storing. See MPEP §806.05(d).

9. The examiner has required restriction between subcombinations usable together. Where Applicants elects a subcombination and claims thereto as subsequently found allowable, any claim(s) depending from or otherwise requiring all the limitations of the allowable subcombination will be examined for patentability in accordance with 37 CFR §1.104. See MPEP §821.04(a).

10. Because the inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

11. Restriction for examination purposes as indicated is proper because all these inventions listed in this action are independent or distinct for the reasons given above and there would be a serious search and examination burden if restriction were not required because one or more of the following reasons apply:

- (a) the inventions have acquired a separate status in the art in view of their different classification;
- (b) the invention have acquired a separate status in the art due to their recognized divergent subject matter;
- (c) the invention require a different field of search (for example, searching different classes/subclasses or electronic resources, or employing different search queries);
- (d) the prior art applicable to one invention would not likely be applicable to another invention;
- (e) the invention are likely to raise different non-prior art issues under 35 U.S.C. §101 and/or 35 U.S.C. §112, 1st paragraph.

12. **Applicant is advised that the reply to this requirement to be complete must include (i) an election of an invention to be examined** even though the requirement may be traversed (37 C.F.R. §1.143) **and (ii) Identification of the claims encompassing the elected invention.**

13. The election of an invention may be made with or without traverse. To reserve a rights to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse. Traversals must be presented at the time of election in order to be considered timely. Failure to timely traverse the requirement will result in the loss of right to petition under 37 C.F.R. §1.144. If claims are added after the election, applicant must indicate which of these claims are readable on the elected invention.

14. If claims are added after the election, applicant must indicate which of these claims are readable upon the elected invention.

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15. Should applicant traverse on the ground that the inventions are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions to be obvious variants or clearly admit on the record that this is the case. In their instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. §103(a) of the other invention.

16. A telephone call was not made.

### ***Conclusion***

17. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Mr. Dante Ravetti whose telephone number is (571) 270-3609. The examiner can normally be reached on Monday – Thursday 9:00am-5:00pm.

If attempts to reach examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Calvin Hewitt may be reached at (571) 272-6709. The fax phone number for the organization where this application or proceeding is assigned is (571) 270-4609.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system see

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<http://pair-direct.uspto.gov>. Should you have questions on access to the private PAIR system, please contact the Electronic Business Center (EBC) at 1-(866) 217-9197. If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 1-(800) 786-9199 (IN USA or CANADA) or 1-(571) 272-1000.

/Dante Ravetti/  
Examiner, Art Unit 3685  
Wednesday, February 04, 2009

/Calvin L Hewitt II/  
Supervisory Patent Examiner, Art Unit 3685